School extension in Groussbus using timber construction

Groussbus, LU



Project details

Project type	Education and research
Construction type	Wood element construction
Services	Joint GC building shell
Construction	2025
Country	Luxembourg

More space to learn, without disrupting school life

In Groussbus, Luxembourg, a two-storey extension provides the existing school with two additional classrooms as well as technical, storage and sanitary facilities. Blumer Lehmann delivered the prefabricated timber construction as general contractor for part of the works and coordinated other key interior finishing works alongside the timber construction.

The extension complements the existing school and is connected to it via an entrance hall and a linking structure. With a gross floor area of around 314 m^2, it provides two classrooms of approximately 75 m^2 each, along with the associated technical, storage and sanitary facilities. The load-bearing structure and building envelope were constructed using prefabricated spruce and fir timber elements. A ventilated façade clad in thermally modified pine gives the compact extension a natural appearance.

One of the main challenges was the tight schedule: only a few months separated the start of construction in May 2025 from handover in time for the start of the school year in autumn. At the same time, the existing school and neighbouring childcare centre remained fully operational throughout the works. Precise planning, prefabrication and carefully coordinated site logistics reduced the amount of work required on site and kept disruption to everyday school life to a minimum.

As part of its general contractor services, Blumer Lehmann was responsible for the timber construction as well as the coordination and execution of the roofing works, internal steel staircase, timber-aluminium windows, aluminium external doors, external railings, dry screed, painting and drywall works, and WC partitions.

Specific Contact



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Exposed timber and modern infrastructure create a pleasant learning environment



Only a few months passed between the start of construction in May 2025 and handover in time for the start of the school year in autumn



Two new classrooms expand the school's available teaching space

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